

APPENDIX B

MIDDLE WABASH-BUSSERON WATERS ASSESSED IN THE CLEAN WATER ACT SECTION 305(B) REPORT

Statewide data from the state's Clean Water Act Section 305(B) Report are available at the link below (IDEM's Office of Water Quality website) (<http://www.state.in.us/idem/water/planbr/wqs/quality.html>). Adobe Acrobat Reader(tm) is required to read these files.

- **Attachment A** - 1998 305 (B) Report (Upper White, Lower White, Patoka)
- **Attachment B** - 1999 & 2000 305 (B) Report (Eel-Wabash, Lower East Fork White, Middle Wabash-Deer, Muscatatuck, Salamonie, Upper East Fork White, Upper Wabash, Whitewater)
- **Attachment C** - 2001 305 (B) Report (Lower Wabash, Middle Wabash-Busseron, Middle Wabash-Little Vermilion, Sugar)
- **Attachment D** - 2002 305 (B) Report (Blue-Sinking, Little Calumet-Galien, Lower Ohio-Little Pigeon, Silver-Little Kentucky, St. Joseph-Maumee)

APPENDIX C
Potential Stakeholders
in the Middle Wabash - Busseron Watershed

Avoca State Fish Hatchery
P.O. Box 16
Avoca, IN 47420
812-279-1215

Banks of the Wabash, Inc.
PO Box 1253
Lafayette, IN 47902
765-494-1330

Cikana State Fish Hatchery
2650 State Road 44
Martinsville, IN 46151
765-342-5527

Four Rivers Resource Conservation & Development
715 S. 9th Street
Petersburg, IN 47567-1820
812-354-6808

Hoosier Environmental Council
PO Box 1145
Indianapolis, IN 46206
317-685-8800

Hoosier River Watch
5785 Glenn Rd.
Indianapolis, Indiana 46216-1066
317-541-0617

Indiana Karst Conservancy
PO Box 2401
Indianapolis, IN 46206-2401
317-882-5420

Indiana Lakes Management Society
207 S. Wayne St., Suite B
Angola, IN 46703

Indiana Waterways Association
301 Fort Harrison Road
Terre Haute, IN 47804
812-460-1567

Izaak Walton League of America
Indiana Division President
2173 Pennsylvania Street
Portage, IN 46368-2448
219-762-4876

Know Your Watershed
Conservation Technology Information Ctr
1220 Potter Drive, Room 170
West Lafayette, IN 47906-1383
765-494-9555

National Audubon Society
700 Broadway
New York, NY 10003
212-979-3000

Sycamore Trails Resource Conservation and Development
5 Depot Street
Greencastle, IN 46135-8024
765-653-9785

The Nature Conservancy
1505 N. Delaware St., Suite 200
Indianapolis, Indiana 46202
317-951-8818

Wabash Heritage Land Trust
PO Box 732
New Harmony, IN 47631-0732
812-851-3288

Wabash River Heritage Corridor Commission
c/o Indiana Department of Natural Resources
402 W. Washington St., Room W271
Indianapolis, Indiana 46204-2739
317-232-4070

Wabash Valley Audubon Society
P.O. Box 2338
Terre Haute, IN 47802-2338

Brazil City Mayor (Clay County)
203 East National Avenue
Brazil, IN 47834
812-443-2221

Brazil City Sewage Department (Clay County)
Brazil, IN 47834
812-448-8146

Brazil City Water Works (Clay County)
230 East National Avenue
Brazil, IN 47834
812-448-1700

Brazil Wastewater Treatment (Clay County)
6538 N. Murphy Rd.
Brazil, IN 47834
812-448-8044

Carbon Water Corp. (Clay County)
North 3rd Street
Carbon, IN 47837
812-448-8324

Clay County Commissioner (Clay County)
609 East National Avenue
Brazil, IN 47834
812-448-9000

Clay County Council (Clay County)
609 East National Avenue
Brazil, IN 47834
812-448-9000

Clay County Drainage Board (Clay County)
609 East National Avenue
Brazil, IN 47834
812-448-9000

Clay County Farm Service Agency (Clay County)
955 W. Craig Ave.
Brazil, IN 47834
812-446-8986

Clay County Health Department (Clay County)
609 E. National Ave.
Brazil, IN 47834
812-448-9021

Clay County Purdue Univ. Co-op Extension Service (Clay County)
609 E. National Ave.
Brazil, IN 47834
812-448-9041

Clay County Surveyor (Clay County)
609 East National Avenue
Brazil, IN 47834
812-448-9000

Clay County USDA-NRCS (Clay County)
955 W. Craig St.
Brazil, IN 47834-9102
812-446-8986

Clay-Owen-Vigo Solid Waste Management Dist. (Clay County)
109 E. National Ave.
Brazil, IN 47834
812-443-0168

Staunton Municipal Water (Clay County)
107 North Monroe Street
P.O. Box 98
Staunton, IN 47881
812-448-1487

Green County SWCD (Green County)
30 W. Indiana Ave
Suite 2
Bloomfield, IN 47424
812-384-3517

Green County Solid Waste Mngmnt District (Green County)
RR 1, Box 61A
Switz City, IN 47465-9720
812-659-3788

Greene County Commissioners (Greene County)
Courthouse Room 108
Bloomfield, IN 47424
812-384-8658

Greene County Drainage Board (Greene County)
117 E. Spring St.
Bloomfield, IN 47424
812-384-2026

Greene County Farm Service Agency (Greene County)
30 W. Indiana Ave
Bloomfield, IN 47403
812-384-3517

Greene County Health Department (Greene County)
217 E. Spring St. Suite 1
Bloomfield, IN 47424
812-384-4496

Greene County Purdue Univ. Co-op Extension Service (Greene County)
SR 54 W RR2 Box 38-A
Bloomfield, IN 47424
812-659-2122

Greene County Surveyor (Greene County)
Courthouse
Bloomfield, IN 47424
812-384-2026

Greene County USDA-NRCS (Greene County)
30 W. Indiana Ave
Bloomfield, IN 47424
812-384-3517

Bruceville Water Utility (Knox County)
P.O. Box 247
Bruceville, IN 47516
812-324-2233

Freelandville Water Assoc. (Knox County)
201 Baker Street
P.O. Box 321A
Freelandville, IN
812-328-2157

Knox County Commissioner (Knox County)
111 North 7th Street
Courthouse
Vincennes, IN 47591
812-885-2502

Knox County Council (Knox County)
111 North 7th Street
Courthouse
Vincennes, IN 47591
812-885-2502

Knox County Drainage Board (Knox County)
111 North 7th Street
Courthouse
Vincennes , IN 47591
812-885-2502

Knox County Farm Service Agency (Knox County)
2015 Hart St.
Vincennes, IN 47591
812-882-8210

Knox County Health Department (Knox County)
624 Broadway St.
Vincennes, IN 47591
812-882-8080

Knox County Purdue Univ. Co-op Extension Service (Knox County)
2578D E. Pine Hill Dr.
Vincennes, Indiana 47591
812-882-3509

Knox County SWCD (Knox County)
2015 Hart St.
Vincennes, IN 47591
812-882-8210

Knox County Solid Waste Management District (Knox County)
2758 C East Pine Hill Drive
Vincennes, IN 47591
812-895-4878

Knox County Surveyor (Knox County)
111 North 7th Street
Courthouse
Vincennes, IN 47591
812-885-2535

Knox County USDA-NRCS (Knox County)
2015 Hart St.
Vincennes, IN 47591
812-882-8210

Knox County Water (Knox County)
654 N. Anson Rd.
Vincennes, IN 47591
812-726-5330

Oaktown Waterworks (Knox County)
P.O. Box 150
Oaktown, IN 47561
812-745-3360

Vincennes City Mayor (Knox County)
201 Vigo Street
Vincennes, IN 47591
812-882-7285

Vincennes Water Department (Knox County)
405 Busseron
P.O. Box 479
Vincennes, IN 47591
812-882-7877

Parke Co SWCD (Parke County)
US 36 & Ridgewood Rd.
Rockville, IN 47872
765-569-3551

Parke County Commissioner (Parke County)
c/o Parke County Auditor
116 W. High St.
Rockville, IN 47872
765-569-3422

Parke County Drainage Board (Parke County)
c/o Parke County Auditor
116 W. High St.
Rockville, IN 47872
765-569-3422

Parke County Farm Service Agency (Parke County)
US 36 & Ridgewood Rd.
Rockville, IN 47872
765-569-3551

Parke County Health Department (Parke County)
116 W. High St. Room 10

Rockville, IN 47872
765-569-6665

Parke County Purdue Univ. Co-op Extension Service (Parke County)
PO Box 146
Rockville, IN 47872
765-569-3176
Parke County Surveyor (Parke County)
116 W. High St.
Rockville, IN 47872
765-569-4063

Parke County USDA-NRCS (Parke County)
US 36 & Ridgewood Rd.
RR4 Box 291F
Rockville, Indiana 47872
765-569-3551

Carlisle Water Department (Sullivan County)
P.O. Box 277
Carlisle, IN 47838
812-398-2341

Environmental Management Sewage Treatment Plant (Sullivan County)
361 E. State Road 54
Sullivan, IN 47882
812-268-0229

Hymera Water Works (Sullivan County)
402 Jackson Street
Hymera, IN 47855
812-383-9201

Indiana-American Water Co. - Farmersburg (Sullivan County)
1125 North (1/4 from 200 East)
Farmersburg, IN 47850
812-232-7863

Indiana-American Water Co. - Sullivan (Sullivan County)
4190 S. CR 775 West
Merom, IN 47861
812-232-7863

Merom Municipal Water Co. (Sullivan County)
2626 S. Third Street
P.O. Box 53
Merom, IN 47861
812-356-4801

Paxton Water Corp. (Sullivan County)
600 South 450 West
P.O. Box 99
Paxton, IN 47865
812-268-3637

Shelburn Water Utilities (Sullivan County)
17 North Railroad Street
Shelburn, IN 47879
812-397-5900

Sullivan City Mayor (Sullivan County)

32 N. Court Street
Sullivan, IN 47882
812-268-5464
Sullivan County Commissioner (Sullivan County)
100 Courthouse Square
Room 202
Sullivan, IN 47882
812-268-4491

Sullivan County Council (Sullivan County)
100 Courthouse Square
Room 202
Sullivan, IN 47882
812-268-4491

Sullivan County Drainage Board (Sullivan County)
100 Courthouse Square
c/o Auditor
Sullivan, IN 47882
812-268-4491

Sullivan County Farm Service Agency (Sullivan County)
2316 N. Section St.
Sullivan, IN 47882
812-268-5157

Sullivan County Health Department (Sullivan County)
102 N. Section St.
Sullivan, IN 47882
812-268-0224

Sullivan County Purdue Univ. Co-op Extension Service (Sullivan County)
100 Courthouse Square, Room 105
Sullivan, IN 47882
812-268-4332

Sullivan County SWCD (Sullivan County)
2316 North Section Street
Sullivan, IN 47
812-268-5157

Sullivan County Surveyor (Sullivan County)
100 Courthouse Square
Sullivan, IN 47882
812-268-4029

Sullivan County USDA-NRCS (Sullivan County)
2316 N. Section St
Sullivan , IN 47882
812-268-5157

Sullivan County Solid Waste Management District (Sullivan County)
2316 N. Section Street
Sullivan, IN 47882-1593
812-268-5157 x-3

Tippecanoe County Surveyor (Tippecanoe County)
20 N. 3rd St.
Lafayette , IN
765-423-9228
Dana Water Works (Vermillion County)
104 Maple St.
Dana, IN 47847
765-665-3616

Saint Bernice Water Corp (Vermillion County)
13225 S. State Road 71
P.O. Box 242
St. Bernice, IN 47875
765-832-6834

Universal Water Works (Vermillion County)
P.O. Box 55
Universal , IN 47884
765-832-8708

Vermillion Co SWCD (Vermillion County)
P.O. Box 86
385 E. Market Street
Newport, IN 47966
765-492-3705

Vermillion County Commissioner (Vermillion County)
C/O Auditor
P.O. Box 190
Newport, IN 47966
765-492-3570

Vermillion County Council (Vermillion County)
c/o Auditor
P.O. Box 190
Newport, IN 47966
765-492-3570

Vermillion County Drainage Board (Vermillion County)
c/o Auditor
P.O. Box 190
Newport, IN 47966
765-492-3570

Vermillion County Farm Service Agency (Vermillion County)
US 36 and Ridgewood Dr.
Rockville, IN 47872
765-569-3551

Vermillion County Health Department (Vermillion County)
825 S. Main St.
Clinton, IN 47842
765-832-3622

Vermillion County Purdue Univ. Co-op Extension Service (Vermillion County)
255 S. Main St.
Newport, IN 47966
800-340-8155

Vermillion County SWMD (Vermillion County)
Courthouse on East Market
P.O. Box 296
Newport, IN 47966-0296
765-492-5014

Vermillion County Surveyor (Vermillion County)
P.O. Box 232
Newport, IN 47966
765-832-2005

Vermillion County USDA-NRCS (Vermillion County)
US 36 and Ridgewood Dr.
RR 4, Box 291 F
Rockville, IN 47872
765-569-3551

Indiana-American Water Co. - Prairieton (Vigo County)
11305 S. Hatcher Place
Prairieton, IN 47870
812-232-7863

Indiana-American Water Co. - Terre Haute (Vigo County)
800 N. 1st Street
Terre Haute, IN 47807
812-232-1400

Riley Water Works (Vigo County)
7563 SR 46
P.O. Box 501
Riley, IN 47871
812-894-2375

Seelyville Waterworks (Vigo County)
P.O. Box 249
Seelyville, IN 47878
812-877-2665

Terre Haute City Mayor (Vigo County)
17 Harding Street
Terre Haute, IN 47807
812-232-9467

Terre Haute Wastewater Treatment Plant (Vigo County)
3200 S. State Road 63
Terre Haute, IN
812-232-6564

Vigo County Commissioner (Vigo County)
121 Oak Street
Terre Haute, IN 47807
812-462-3367

Vigo County Council (Vigo County)
127 Oak Street
Terre Haute, IN 47807
812-462-3361

Vigo County Drainage Board (Vigo County)
121 Oak Street
Terre Haute, IN 47807
812-462-3367

Vigo County Farm Service Agency (Vigo County)
Honey Creek West
3241 S. 3rd Place
Terre Haute, IN 47802
812-234-6505

Vigo County Health Department (Vigo County)
147 Oak Street
Terre Haute, IN 47807
812-462-3428

Vigo County Purdue Univ. Co-op Extension Service (Vigo County)
275 Ohio St.
Terre Haute, IN 47807
812-462-3371

Vigo County SWCD (Vigo County)
3241 S. Third
Terre Haute, IN 47802
812-232-0193

Vigo County Surveyor (Vigo County)
143 Oak Street
Terre Haute, IN 47807
812-462-3380

Vigo County USDA-NRCS (Vigo County)
Honey Creek West
3241 S. 3rd Place
Terre Haute, IN 47802
812-234-6505

West Terre Haute Water (Vigo County)
500 National Avenue
West Terre Haute, IN 47885
812-533-1053

STATE STAKEHOLDERS

Indiana Farm Bureau Inc.

225 S East St

Indianapolis, IN 46202

(317) 692-7851

Indiana Department of Environmental Management

100 N. Senate Ave

P.O. Box 6015

Indianapolis, IN 46206-6015

IDEM Switchboard

(317) 232 8603 or (800) 451 6027

Agricultural Liaison

(317) 232 8587

Air Quality

(317) 233 0178

Community Relations

(317) 233 6648

Compliance and Technical Assistance

(317) 232 8172

Criminal Investigations

(317) 232 8128

Enforcement

(317) 233 5529

Environmental Response

(317) 308 3017

Legal Counsel

(317) 232 8493

Media and Communication Services

(317) 232 8560

Pollution Prevention and Technical Assistance

(317) 232 8172

Solid and Hazardous Waste Management

(317) 233 3656

Water Management

(317) 232 8670

Indiana Department of Natural Resources
402 West Washington Street
Indianapolis, IN 46204 2748
Division of Engineering
(317) 232 4150
Division of Entomology and Plant Pathology
(317) 232 4120
Division of Fish & Wildlife
(317) 232 4080
Division of Forestry
(317) 232 4105
Division of Historic Preservation & Archaeology
(317) 232 1646
Division of Law Enforcement
(317) 232 4010
Division of State Parks and Reservoirs
(317) 232 4124
Division of Water
(317) 232 4160
Division of Public Information and Education
(317) 232 4200
Division of Reclamation
(317) 232 1547
Division of Safety and Training
(317) 232 4145
Division of Soil Conservation
(317) 233 3870
Division of Oil and Gas
(317) 232 4055
Division of Outdoor Recreation
(317) 232 4070
Division of Nature Preserves
(317) 232 4052
Indiana State Department of Health
2 North Meridian St.
Indianapolis, IN 46204
(317) 233 1325

FEDERAL STAKEHOLDERS

Natural Resources Conservation Service
6013 Lakeside Blvd
Indianapolis, In 46278
(317) 290 3200

NRCS Field Representatives are generally located with the SWCD office in each county.

U.S. EPA Region 5
77 West Jackson Blvd
Chicago, IL 60604
(312) 353-2000
(800) 632-8431

U.S. Army Corps of Engineers

Chicago District

111 N. Canal
Chicago, IL 60606
(312) 353-6400

Detroit District

P.O. Box 1027
Detroit, MI 48231-1027
(888) 694-8313

Louisville District

600 Dr. Martin Luther King, Jr.
Louisville, KY 40202
(502) 315-6768

APPENDIX D

FUNDING SOURCES

This listing of funding sources was derived from the May 1999 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM (IDEM 1999b).

FEDERAL CONSERVATION AND WATERSHED PROGRAMS

Environmental Protection Agency

Section 319, 205(j), and 104(b)(3) Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects.

Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

EPA Great Lakes Program

Numerous sources of funding are available for the area that drains into the Great Lakes. The complete grants guidance and application package for EPA Great Lakes grants is on the web, and additional funding sources are at the Great Lakes Information Network (<http://www.great-lakes.net/>). Grants are submitted in early spring for most of these sources.

U.S. Department of Agriculture/Natural Resources Conservation Service (NRCS) (See Appendix C for local federal agency contacts.)

CRP: Conservation Reserve Program.

Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. CRP encourages farmers to convert highly erodible cropland or other environmentally sensitive acreage to vegetative cover, such as tame or native grasses, wildlife plantings, trees, filterstrips, or riparian buffers. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land.

Cost share is available for planting vegetative cover on restored areas.

<http://www.fsa.usda.gov/dafp/cepd/crp.htm>

EQIP: Environmental Quality Incentive Program.

Administered by the NRCS. Provides technical, financial, and educational assistance. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10-year period. Some parts of the state are designated Conservation Priority Areas and receive larger funding allotments.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/COD/cit/eqipsmry.htm>

FIP: Forestry Incentive Program.

Administered by the NRCS. Assists forest management on private lands of at least 10 acres and no more than 1,000 acres. Eligible practices are tree planting, timber stand improvement, site preparation for natural regeneration, and other related activities. Land must be suitable for conversion from nonforest to forest land, for reforestation, or for improved forest management and be capable of producing marketable timber crops. Cost share up to 65%, with a maximum of \$10,000 per person per year.

<http://www.nhq.nrcs.usda.gov/CCS/FB96OPA/FIPfact.html>

Small Watershed Program.

The Small Watershed Program works through local government sponsors and helps participants solve natural resource and related economic problems on a watershed basis. Projects include watershed protection, flood prevention, erosion and sediment control, water supply, water quality, fish and wildlife habitat enhancement, wetlands creation and restoration, and public recreation in watersheds of 250,000 or fewer acres. Both technical and financial assistance are available.

<http://www.ftw.nrcs.usda.gov/pl566/pl566.html>

WRP: Wetland Reserve Program.

Administered by the NRCS. Easement and restoration program to restore marginal agricultural land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred.

Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting.

<http://www.nhq.nrcs.usda.gov/PROGRAMS/wrp/>

WHIP: Wildlife Habitat Incentive Program.

Administered by the NRCS. Cost share and technical assistance to develop and improve wildlife habitat on private land. Private landowners who are agricultural producers are eligible. A wildlife habitat plan is developed that describes landowner's goals for improving wildlife habitat, includes a list of practices and schedule for installing them, and details the steps necessary for maintenance. Cost share up to 75%, and contracts are for 10 years. <http://www.nhq.nrcs.usda.gov/PROGRAMS/whip/>

U.S. Fish & Wildlife Service

Partners for Wildlife Habitat Restoration Program

Provides technical and financial assistance to private landowners through voluntary cooperative agreements in order to restore formerly degraded wetlands, native grasslands, riparian areas, and other habitats to conditions as natural as feasible. Landowners agree to maintain restoration projects as specified in the agreement but otherwise retain full control of the land. Agreements are for fixed term of at least 10 years. No more than 60% of project cost is paid by Federal moneys (the program seeks remainder of cost share from landowners and nationally-based and local entities). <http://www.fws.gov/>

STATE CONSERVATION AND WATERSHED PROGRAMS

IDNR Division of Soil Conservation

LARE: Lake & River Enhancement Program

Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available. <http://www.in.gov/dnr/soilcons/lare.htm>

IDNR Division of Fish & Wildlife

Classified Wildlife Habitat Program

Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Biologists (see county listings).

<http://www.ai.org/dnr/fishwild/about/habitat.htm>

IDNR Division of Forestry

Classified Forest Program

Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters (see county listings).

<http://www.state.in.us/dnr/forestry/landassist/clasfor.htm>

Classified Windbreak Act

Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

Forest Stewardship Program & Stewardship Incentives Program

Cost share and technical assistance to encourage responsibly managed and productive private forests.

<http://www.state.in.us/dnr/forestry/htmldocs/grants.htm>

IDNR Division of Reclamation

Appalachian Clean Streams Initiative

Funds for acid mine drainage abatement.

IDNR Division of Nature Preserves

State Nature Preserve Dedication

Acquisition and management of threatened habitat. <http://www.in.gov/dnr/naturepr/>

IDEM Office of Water Quality

State Revolving Fund

Available to municipalities and counties for a range of water quality infrastructure projects. Funds are available for a wide variety of projects including all types of nonpoint source management projects, as well as more traditional wastewater treatment projects. Funding is through very low-interest loans.

<http://www.in.gov/idem/water/fasb/srflp.html>

Section 319 Grants - Nonpoint Source Program

Available to nonprofit groups, municipalities, counties, and universities for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount for local watershed projects is \$112,500, but statewide or larger scale projects may be funded up to \$300,000. Projects are usually two to three years in length. Projects may be for land treatment through implementing Best Management Practices, for education, and for developing tools and applications for state-wide use. Proposals are due October 1, 2002 for FY2003 funds. See Section 5.1.5 for more details. <http://www.in.gov/idem/water/planbr/wsm/index.html>

Section 205(j) Grants - Water Quality Management Planning Program

Available to municipalities, counties, conservation districts, drainage districts, and other public organizations. For-profit entities, non-profit organizations, private associations, and individuals are not eligible for funding through Section 205(j). Grants are for water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and the development and implementation of watershed management projects. Funds can be requested for up to \$100,000 and no match is required. <http://www.in.gov/idem/water/planbr/wsm/index.html>

Section 104(b)(3) Grants - NPDES Related State Grant Program

Provide for developing, implementing and demonstrating new concepts or requirements that will improve the effectiveness of the NPDES permit program. A project proposed for assistance by this program should deal predominantly with water pollution sources and activities regulated by the NPDES program. These may include innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. Available to State water pollution control agencies, interstate agencies, Tribes, colleges and universities, and other public or nonprofit organizations. For-profit entities, private associations and individuals are not eligible to receive this assistance. Funds can be requested for up to \$100,000. Five percent match is required, either cash or in-kind.

<http://www.in.gov/idem/water/planbr/wsm/index.html>

NOTE: proposals are due to IDEM by January 31 annually for projects beginning the following December.

PRIVATE FUNDING SOURCES

National Fish and Wildlife Foundation

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036.

(http://www.nfwf.org/programs/grant_apply.htm)

Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

Individual Utilities

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes (IPALCO Golden Eagle Program -

http://www.ipalco.com/ABOUTIPALCO/Environment/Golden_Eagle/2001_Winners.html; CINergy -

<http://www.cinergy.com/Environment/default.asp>).

Indiana Hardwood Lumbermen's Association

Indiana Tree Farm Program. <http://www.ihla.org/leaders.htm>

Conservation Technology Information Center (CTIC)

'Know Your Watershed' educational materials are available. <http://www.ctic.purdue.edu/CTIC/CTIC.html>

Ducks Unlimited

Land acquisition and habitat restoration assistance. <http://www.ducks.org/>

National Wild Turkey Federation

Funds for turkey and wildlife habitat improvement projects. <http://www.nwtf.org/>

Quail Unlimited

Funds for quail and wildlife habitat improvement projects. <http://www.qu.org/>

Pheasants Forever

Land acquisition and funds for local habitat improvement projects. <http://www.pheasantsforever.org/>

Indiana Heritage Trust

Land acquisition programs. <http://www.state.in.us/dnr/heritage/>

The Nature Conservancy

Land acquisition and restoration. <http://nature.org/wherewework/northamerica/states/indiana/>

Southern Lake Michigan Conservation Initiative

Blue River Focus Area

Kankakee Sands Focus Area

Upper St. Joseph River Focus Area

Tippecanoe River Focus Area

Natural Areas Registry

Hoosier Landscapes Capitol Campaign

Local/Regional Land Trusts

Land acquisition, conservation easements, and restoration

Acres Inc. (Fort Wayne, IN)

- <http://www.acres-land-trust.org/>

Buffalo Trace Land Trust, LLC (Mount Saint Francis, IN)

Central Indiana Land Trust, Inc. (Indianapolis, IN)

- <http://www.cilti.org/>

Clark's Valley Land Trust (Charlestown, IN)

- <http://www.clarkswcd.org/LandTrust/LandTrusthome.htm>

Indiana Karst Conservancy (Indianapolis, IN)

- <http://www.caves.org/conservancy/ikc/>

Laporte County Conservation Trust Inc. (La Porte, IN)

Little River Wetlands Project (Ft. Wayne, IN)

- <http://www.lrwp.org/>

Mud Creek Conservancy (Indianapolis, IN)

- <http://www.mudcreekconservancy.org/>

NICHES Land Trust (Lafayette, IN)

- <http://dewi.com/~niches/>

Ohio River Conservancy (Bloomington, IN)

Oxbow, Inc. (Cincinnati, OH)

- <http://math.uc.edu/~pelikan/OXBOW/wm.html>

Red-tail Conservancy, Inc. (Muncie, IN)

- <http://ourworld.cs.com/rtconserv1/id18.htm>

River Fields, Inc. (Louisville, KY)

- <http://www.riverfields.org/>

Shirley Heinze Environmental Fund (Michigan City, IN)

- <http://www.heinze fund.org/>

Sycamore Land Trust (Bloomington, IN)

- <http://www.sycamorelandtrust.org/>

Wabash Heritage Land Trust (New Harmony, IN)

Wawasee Area Conservancy Foundation (Syracuse, IN)

- <http://www.wacf.com/>

Whitewater Valley Land Trust, Inc. (Centerville, IN)

Wood-Land-Lakes Resource Conservation & Development (Kendallville, IN)

- http://www.in.nrcs.usda.gov/conservation%20programs/rcd/woodland_lakes.htm

SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES

Catalog of Federal Funding Sources for Watershed Protection

EPA Office of Water (EPA841-B-99-003) December 1999

(<http://www.epa.gov/owow/watershed/wacademy/fund.html>)

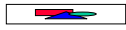
GrantsWeb:

<http://www.srainternational.org/cws/sra/resource.htm>

APPENDIX E

Superfund (CERCLA) Site Fact Sheets

for sites listed within the Middle Wabash - Busseron watershed



INTERNATIONAL MINERALS (E. PLANT)

Site Information:

Site Name: INTERNATIONAL MINERALS (E. PLANT)
Address: LOCKPORT RD
TERRE HAUTE, IN 47802

EPA ID: INT190010876
EPA Region: 05
County: 167 VIGO

Latitude: +39.437781
Longitude: -087.391389

NPL Status: Deleted from the Final NPL

Non-NPL Status:

Federal Facility Flag:

Not a Federal Facility

Incident Category:

Manufacturing Plant

Record of Decision (ROD) List:

	ROD ID	ROD Date	OU
1	EPA/ROD/R05-88/070	06/22/1988	

01

1) Record of Decision (ROD):

Operable Unit: 01

ROD ID: EPA/ROD/R05-88/070

ROD Date: 06/22/1988

Media: GROUNDWATER SOIL

Contaminant: PESTICIDES

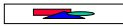
Abstract: THE IMC/TERRE HAUTE SITE IS LOCATED IN SOUTHEASTERN TERRE HAUTE, VIGO COUNTY, INDIANA. THE 37-ACRE SITE IS BORDERED ON THE WEST BY THE MILWAUKEE, ST. PAUL, AND PACIFIC RAILROAD AND ON THE EAST BY THE LOUISVILLE RAILROAD. THE SITE IS PART OF A SEMI-INDUSTRIALIZED AREA OF TERRE HAUTE AND IS 1.8 MILES EAST OF THE WABASH RIVER AND 1 MILE NORTH OF THE THOMPSON DITCH. A WASTE DISPOSAL AREA, ENCOMPASSING APPROXIMATELY SIX ACRES, IS LOCATED IN THE NORTHEASTERN PORTION OF THE PLANT SITE. FROM 1946 TO 1954 A SMALL FACILITY ON A SIX-ACRE SEGMENT OF THE PROPERTY MANUFACTURED, PACKAGED, AND WAREHOUSED TECHNICAL-GRADE BENZENE HEXACHLORIDE (BHC-TECH). THIS MATERIAL WAS SOLD TO INSECTICIDE MANUFACTURERS AS A RAW MATERIAL FOR THE PRODUCTION OF INSECTICIDES, INCLUDING LINDANE. THE SITE HAS BEEN OWNED BY

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION SINCE 1975. IMC CONDUCTED SURFICIAL AND SUBSURFICIAL SOIL SAMPLING IN 1979, FINDING THAT CONTAMINATION WAS WITHIN SEVEN FEET OF THE SURFACE AND WELL ABOVE THE GROUND WATER TABLE. SEVEN GROUND WATER MONITORING WELLS WERE INSTALLED AT THE SITE, AND SAMPLES INDICATED MEASURABLE BHC CONCENTRATIONS IN TWO OF THE WELLS. IN 1980, APPROXIMATELY 28,500 YD³ OF SOIL, RUBBLE, PIPING AND OTHER DEBRIS WERE EXCAVATED AND PLACED IN A SECURE CLAY-CAPPED MOUND TO PREVENT OFFSITE MIGRATION OF BHC-TECH. THE CAP SYSTEM INCLUDED A SURFACE DRAINAGE COLLECTION SYSTEM AND SOIL GAS VENTING. THE CONCENTRATION IN GROUND WATER OF LINDANE, THE GAMMA ISOMER OF BHC, DECLINED RELATIVELY QUICKLY AFTER CONSTRUCTION OF THE MOUND AND HAS CONTINUED TO DECLINE AT A SLOWER RATE SINCE 1983. THE SOIL CLEANUP AND MOUND CONSTRUCTION HAS PROVEN TO BE EFFECTIVE IN CONTAINING THE SOURCE OF THE BHC-TECH AND IN REDUCING GROUND WATER CONTAMINATION TO MCL AND MCLG CONCENTRATIONS. THE PRIMARY CONTAMINANTS OF CONCERN ARE LINDANE AND TOTAL BHC.

THE SELECTED REMEDIAL ACTION FOR THIS SITE IS NO FURTHER ACTION WITH A MAINTENANCE PROGRAM, WHICH INCLUDES; INSPECTION OF THE EXISTING CAP QUARTERLY, AND MAINTENANCE OF THE VEGETATIVE COVER; INITIATION OF A GROUND WATER MONITORING PROGRAM (SAMPLING OF UPGRADIENT AND DOWNGRAIDENT WELLS SEMI-ANNUALLY FOR THE NEXT FIVE YEARS AND THEN ANNUALLY UNTIL 2010); ACCESS RESTRICTIONS; AND ESTABLISHMENT OF A CONTINGENCY PLAN. THE ESTIMATED PRESENT WORTH COST FOR THIS REMEDIAL ACTION IS \$159,000 FOR O&M OF THE EXISTING SYSTEM.

Remedy: THE ON-GOING QUARTERLY MONITORING SHOULD CONTINUE UNTIL DECEMBER 2010 (30 YEARS AFTER CLOSURE WAS COMPLETED IN 1980) AND SO NOTED IN THE DEED FOR THE PROPERTY. MAJOR ELEMENTS OF THIS PROGRAM INCLUDE:

- * QUARTERLY CAP INSPECTION; MAINTENANCE OF VEGETATIVE COVER AS NECESSARY.
 - * SAMPLING OF UPGRADIENT WELLS PW-1, B-1 AND B-2 WITH ANALYSIS CONDUCTED FOR BHC ISOMERS. (SEMI-ANNUAL SAMPLING FOR NEXT 5 YEARS, ANNUAL THEREAFTER UNTIL YEAR 2010).
 - * SAMPLING OF DOWNGRAIDENT WELLS B-9A, B-10A AND B-11A WITH ANALYSIS CONDUCTED FOR BHC ISOMERS. (SEMI-ANNUAL SAMPLING FOR NEXT 5 YEARS, ANNUAL THEREAFTER UNTIL YEAR 2010).
 - * ANNUAL REPORTING OF MONITORING RESULTS TO THE STATE OF INDIANA.
 - * A REVIEW OF THE RESULTS OF THE REMEDIAL ACTION WILL BE CONDUCTED WITH IDEM AND THE U.S. EPA AT THE END OF EACH FIVE PERIOD.
- AN ESTIMATE OF THE COST OF THIS PROGRAM, EXPRESSED IN DECEMBER 1987 DOLLARS, APPEARS IN TABLE 7. THIS COST ESTIMATE INCLUDES AN ALLOWANCE FOR REPLACEMENT OF THE FENCE SURROUNDING THE DISPOSAL MOUND HALFWAY THROUGH THE MONITORING PERIOD.



PRESTOLITE BATTERY DIVISION

Site Information:

Site Name: PRESTOLITE BATTERY DIVISION
Address: US HIGHWAY 41N
VINCENNES, IN 47591

EPA ID: IND006377048
EPA Region: 05
County: 083 KNOX

Latitude: +38.691669
Longitude: -087.501661

NPL Status: Currently on the Final NPL

Non-NPL Status:

Federal Facility Flag:

Not a Federal Facility
Manufacturing Plant

Incident Category:

Record of Decision (ROD) List:

	ROD ID	ROD Date	OU
1	EPA/ROD/R05-94/258	08/23/1994	

01

1) Record of Decision (ROD):

Operable Unit: 01

ROD ID: EPA/ROD/R05-94/258

ROD Date: 08/23/1994

Media: groundwater, soils

Contaminant: Lead, iron, aluminum, arsenic, barium, calcium, PCBs, antimony, beryllium, PCE, TCE, VOCs

Abstract: Please note that the text in this document summarizes the Record of Decision for the purposes of facilitating searching and retrieving key text on the ROD. It is not the officially approved abstract drafted by the EPA Regional offices. Once EPA Headquarters receives the official abstract, this text will be replaced.

The Prestolite Battery site is an inactive lead-acid battery manufacturing facility located in Knox County, Indiana. The facility occupies approximately 18 acres on U.S. Highway 41 northwest of the city of Vincennes. The land use immediately surrounding the Prestolite site is residential and commercial. Five residences are situated on North Second Street immediately north of the site, and two residences are located on North Sixth Street immediately south of the site. The site is bordered on the west by an Indiana State Highway garage and on the east by the parking lot of a local inn. A five acre pond and associated wetland complex, as well as an auto salvage yard, lie immediately northwest of the site. The city limits of Vincennes lie approximately 500 feet to the west of the site.

In 1945, the Autolite Battery Corporation established the facility for the manufacture

of lead-acid batteries, primarily for use in cars and trucks. In 1955, the site was purchased by the Eltra Corporation, under the name Prestolite Battery. Allied Chemical Company acquired the Eltra Corporation in 1979. Allied announced the decision to cease production at the plant on March 6, 1985, and the site has been inactive since closure in May 1985.

In the course of plant operations, manufacturing process wastes and wastewater became laden with lead, lead oxides, lead sulfates, and sulfuric acid. These lead-containing sludges and wastewaters were discharged to an on-site sewer system. Over time, these sewer lines became plugged with lead sludges, and as a result of leaks and sewer line back-ups, the soils around some of these sewers and associated sumps were contaminated. Lead dust was also released from the plant's ventilation system, contaminating surface soils in the vicinity. Accidental spills of process materials also contributed to the lead-contamination of on-site soils. Elevated concentrations of polychlorinated biphenyls (PCBs) were also present on-site in soils around a transformer pad near the northwest corner of the main building.

Prior to 1978, wastewaters were sent through the on-site sewer system directly to the Vincennes Publicly Owned Treatment Works (POTW) via the city sanitary sewer system. Beginning in 1978, wastewaters were subject to pH treatment on site followed by placement into a wastewater sedimentation lagoon prior to discharge to the POTW. An analysis of the lagoon sediment indicated high levels of lead, iron, aluminum, arsenic, barium, and calcium. Based on file information, other chemicals potentially used at the site included trichloroethane, methylene chloride, paint thinner, epoxy resin, refined coal tar, and a lubricant containing trichloroethylene.

Beginning in 1982, Allied commenced investigations to assess the degree of contamination on and off site. Pursuant to these investigations, more than 7,000 cubic yards of lead and PCB contaminated soils were reportedly removed from both on- and off-site areas. The cleanup standard was to remove all lead-contaminated soil down to a level below 1,000 parts per million (ppm). This standard was coupled with a requirement to add lime to all remaining soils where lead levels exceeded 250 ppm to reduce the mobility of lead still in the soil. PCB soils were remediated to a level below 10 ppm.

Remedy: The remedy selected for groundwater contamination includes continued monitoring of the shallow and intermediate aquifers at the site as well as monitoring of surface water and sediments. The selected remedy also incorporates institutional controls on the placement of drinking water wells and natural attenuation of shallow contaminated groundwater.

The major components of the selected remedy include: long term groundwater monitoring of the shallow and intermediate aquifers for volatile organic compounds and metals; long term monitoring of surface water and sediments for volatile organic compounds and metals at the N.W. Pond and Kelso Creek; groundwater, surface water and sediments will be sampled semi-annually for the first three years, after which consideration will be given to reducing sample frequency to annually; institutional controls will be implemented - one unused well will be abandoned (closed) and one active residential well will be closed and the residence connected to the city water supply; and natural attenuation of shallow groundwater.

URL: <http://www.epa.gov/superfund/sites/rodsites/0501343.htm>
This page was last updated on: January 25, 2002
Site maintained by: Office of Emergency and Remedial Response
brown.margret@epa.gov

APPENDIX F

STAKEHOLDER COMMENTS

The following comments were received within the 60-day public comment period after the initial public meeting introducing the draft version of the Middle Wabash - Busseron WRAS. This meeting was held on April 11, 2002, in Vincennes, Indiana. The public comment period ended on June 11, 2002.

The Middle Wabash - Busseron WRAS has been revised to incorporate stakeholder comments, where appropriate. The following is a reproduction of the stakeholder comments:

General Comments

None

Specific Comments

None